

## Message Text

UNCLASSIFIED

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ACTION MMO-04

INFO OCT-01 ARA-10 ISO-00 EB-07 COME-00 INT-05 /027 W  
-----171717Z 067806 /44

R 171545Z JAN 77  
FM AMCONSUL RIO DE JANEIRO  
TO SECSTATE WASHDC 4511  
INFO AMEMBASSY BRASILIA

UNCLAS RIO DE JANEIRO 0269

EO 11652: N/A  
TAGS: ECRP, EMIN, ENRG, BR  
SUBJ: CERP 4291 MINERALS QUESTIONNAIRE

REF: 76 STATE A-1742

1. FOLLOWING PARTIAL STATISTICAL DATA FOR BRAZIL'S 1975 MINERALS PRODUCTION IS BASED ON CONTACTS WITH COUNTRY'S MAJOR MINERALS PRODUCERS, TRADE ASSOCIATIONS AND SELECTED GOVERNMENT AGENCIES. AIRGRAM REPORT WILL FOLLOW WITH ADDITIONAL DATA AND EXPLANATORY FOOTNOTES (FYI: FOOTNOTES WILL BE LARGELY IDENTICAL TO THOSE PROVIDED IN EARLIER REPORTS.) ALL FIGURES ARE IN METRIC TONS, UNLESS OTHERWISE NOTED.

2. ALUMINUM: BAUXITE - 1,276,960; PRIMARY METAL: 121,400;  
SECONDARY METAL: 23,255;  
3. ARSENIC: 0  
4. BERYL: 739  
5. CHROMITE (BENEFICIATED): 105,000  
6. COLOMBIUM PLUS TANTALUM - PYROCHLORE CONCENTRATE: 9797;  
TANTALITE: 95;  
7. COPPER - CONCENTRATE: 6,100; PRIMARY METAL: 1,309;  
SECONDARY METAL: 63,790;  
8. GOLD: 3,607 KILOGRAMS;  
9. IRON AND STEEL - IRON ORE: 85 MILLION TONS CONTAINING 65 PERCENT FE; PIG IRON: 7,048,190; INGOT STEEL: 8,308,912; CAST  
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STEEL: 164,785; ROLLED STEEL PRODUCTS: 6,759,571; FERROALLOYS -  
FERRONIUMBIUM: 4,088; FERROCHROME: 52,838; FERROMANGANESE: 87,825;  
FERRONICKEL: 9,647; FERROSILICON: 54,755; FERROSILICOMANGANESE:  
37,711; FERROMOLYBDENUM: 612; FERROTITANIUM: 132; FERROVANADIUM:  
250; FERROTUNGSTEN: 204; FERROSILICOMAGNESIUM: 1,335; FERRO-  
SILICOCHROME: 2,304; FERROSILICOCALCIUM: 140; SILICOMANGANESE:  
1,068;

10. LEAD - ORE: 288,000 (EST.) CONTAINING 8.3 PERCENT PB;  
CONCENTRATE: 36,809 CONTAINING 23,926 (EST.) PB, AT 65 PC  
CONCENTRATION; PRIMARY METAL: 37,538; SECONDARY METAL: 25,184;  
11. MANGANESE: 1,171,500 (EXPORTS);  
12. NICKEL - CONTAINED METAL (EST.): 3,154; PRIMARY METAL: 2,279;  
13. RARE EARTH METALS: MONAZITE (CONCENTRATE): 1,407; RARE EARTH  
SALTS: 2,028;  
14. SILVER: 13,327 KILOGRAMS;  
15. TIN - (CASSITERITE): 8,147; PRIMARY METAL: 6,638;  
16. TITANIUM ORES: ILMENITE (CONCENTRATE): 4,591; RUTILE: 106;  
17. TUNGSTEN (CONCENTRATE): 1,327;  
18. ZIRCONITE (CONCENTRATE): 2,200;  
19. ZINC - CONCENTRATE: 164,650; PRIMARY METAL: 31,845;  
SECONDARY METAL: 5,500;

#### NON-METALS

1. ASBESTOS - FIBER: 75,000;  
2. BARITE (BENEFICIATED): 42,000;  
3. CEMENT - PORTLAND: COMMON: 14,553,916; WHITE: 56,966; BLAST  
FURNACE: 1,191,182; POZZOLANIC: 895,550; HIGH RESISTANCE: 38,844;  
4. DIAMONDS: 350,000 CARATS (EST.);  
5. DIATOMITE (BENEFICIATED): 5,940;  
6. DOLOMITE: 455,000;  
7. FELDSPAR (GROSS WEIGHT): 108,576;  
8. FERTILIZERS: 1) NITROGENOUS FERTILIZER MATERIALS: 155,000;  
2) PHOSPHATIC FERTILIZERS: 510,000;  
9. FLUORITE (BENEFICIATED): 47,990;  
10. GRAPHITE (BENEFICIATED): 6,600;  
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11. MAGNESITE: 897,000 (EST.)  
12. MICA: 149;  
13. MINERAL WATER (CUBIC METERS): 350,000;  
14. POTASH (K2 CONTENT): 0;  
15. PYRITE: 0;  
16. SALT: 2,145,345;  
17. TALC (BENEFICIATED): 132,000;  
18. VERMICULITE: 0;

#### MINERAL FUELS AND RELATED MATERIALS:

1. COAL - RUN-OF-MINE: 6,308,868; METALLURGICAL: 888,864;  
STEAMING: 1,828,439;  
2. NATURAL GAS: 1.6 BILLION CUBIC METERS;  
3. PETROLEUM (PETROBRAS) - CRUDE OIL: 10,286; PETROLEUM REFINERY  
OUTPUT: LPG (FROM PETROLEUM): 3,173; NAPHTHA: 2,006; GASOLINE:  
14,134; KEROSENE: 634; JET FUEL: 1,691; DIESEL OIL: 12,278;  
FUEL OIL: 15,224; LUBRICANTS: 238; ASPHALT: 816; SOLVENT: 199;  
RESIDUAL GASES: 1,771; PARAFFIN: 41; OTHER: 301.

DEXTER

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## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01-Jan-1994 12:00:00 am  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
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**Copy:** SINGLE  
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**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
**Disposition Comment:**  
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**Document Unique ID:** 00  
**Drafter:** n/a  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** N/A  
**Expiration:**  
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**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
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**Previous Handling Restrictions:** n/a  
**Reference:** 76 STATE A-1742  
**Retention:** 0  
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**Review Event:**  
**Review Exemptions:** n/a  
**Review Media Identifier:**  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**SAS ID:** 3580741  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** CERP 4291 MINERALS QUESTIONNAIRE  
**TAGS:** ECRP, EMIN, ENRG, BR  
**To:** STATE  
**Type:** TE  
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**Review Markings:**  
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